

NOTES

1. REQUIREMENTS:

A. MATERIAL:

A.) PRIMER CUP: COPPER ALLOWY NO. 220 FLAT BOTTOM.

B.) ANVIL: CARTRIDGE BRASS ALLOY NO. 260.

C.) PRIMER FOIL: WHITE KRAFT PAPER, COATED.

D.) IDENTIFICATION LACQUER: RED.

B. TYPE: BASIC LEAD STYPHNATE, TETRACENE TYPE NONCORROSIVE MIXTURE, .34 GRAIN CHARGE (NOMINAL).

C. USES: IGNITION OF PRESSED FUSE POWDER TRAINS, SAFETY FUSES AND PYROTECHNIC MIXTURES. DESIGNED FOR USE WHERE LOW GAS VOLUME AND LOW VIOLENCE ARE REQUIRED.

D. ADVISORY: FOR BEST PERFORMANCE ASSEMBLE IN A CYLINDRICAL POCKET
 .1735-.1745 DIA (PLUG GAGE) WITH ANVIL SEATED SOLIDLY TO
 DECREASE LOADED HEIGHT .004-.006 THUS RECONSOLIDATING
 THE PRIMER PELLET.

E. SENSITIVITY: WITH 1.94 +/- .02 OZ. STEEL BALL AND FIRING PIN WITH .020 SPHERICAL RADIUS POINT, H +/- 5S SHALL NOT EXCEED 13 INCHES (25.49 INCH-OZ. MAX.). H-2S SHALL NOT BE LESS THAN 2 INCHES (3.84 INCH-OZ. MIN.).

F. DUDS: 300 SAMPLE PRIMERS FROM LOT SHALL FUNCTION WITHOUT FAILURE AT 13 INCHES DROP HEIGHT.

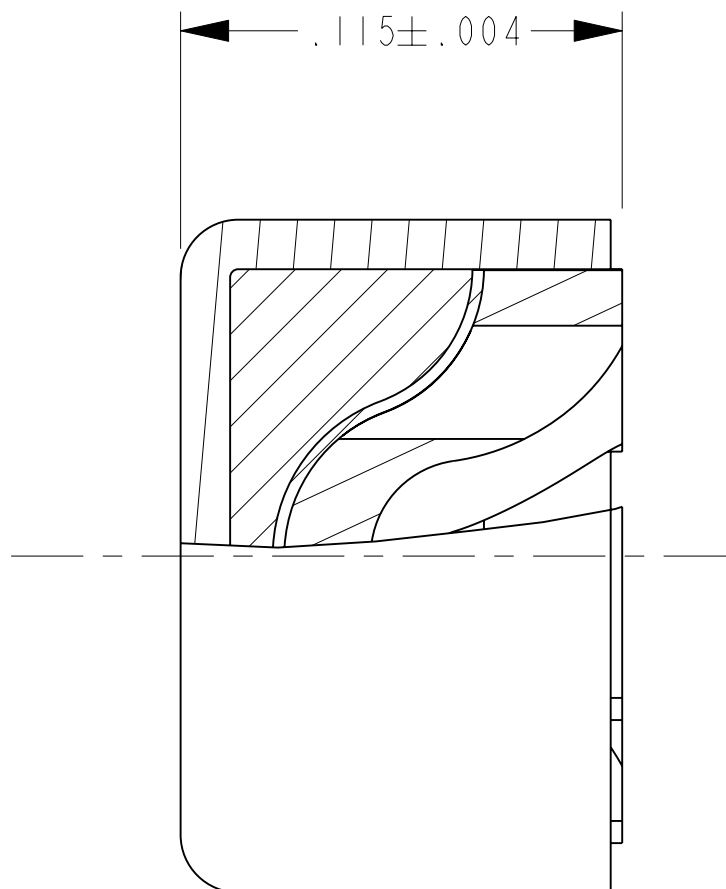
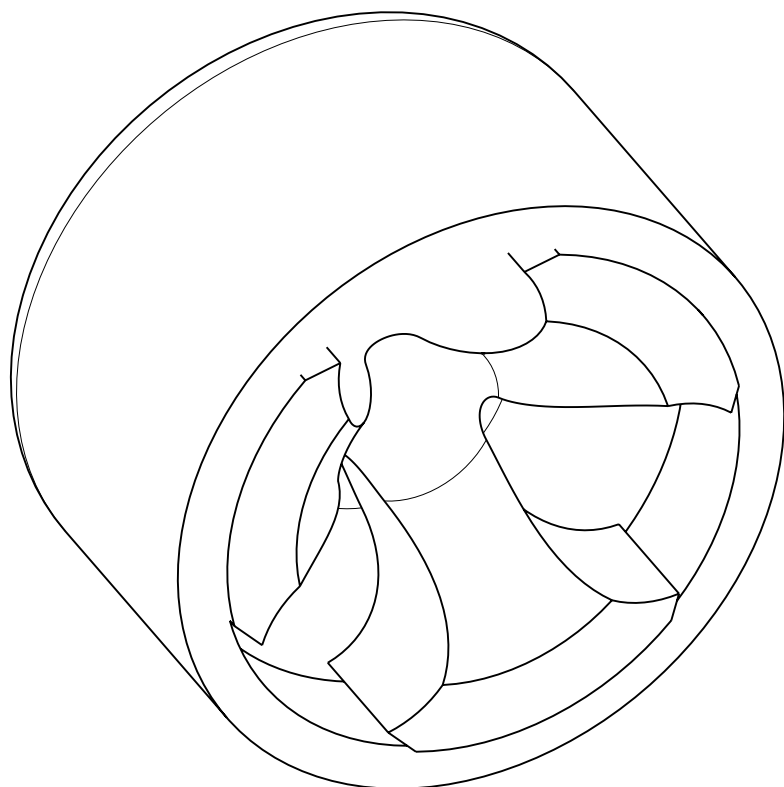
G. VISUAL: ALL PRIMERS ARE VISUALLY EXAMINED 100% TO REMOVE DEFECTS FROM LOT

H. DIMENSIONS: AQL OF 1 PERCENT (CUMULATIVE).

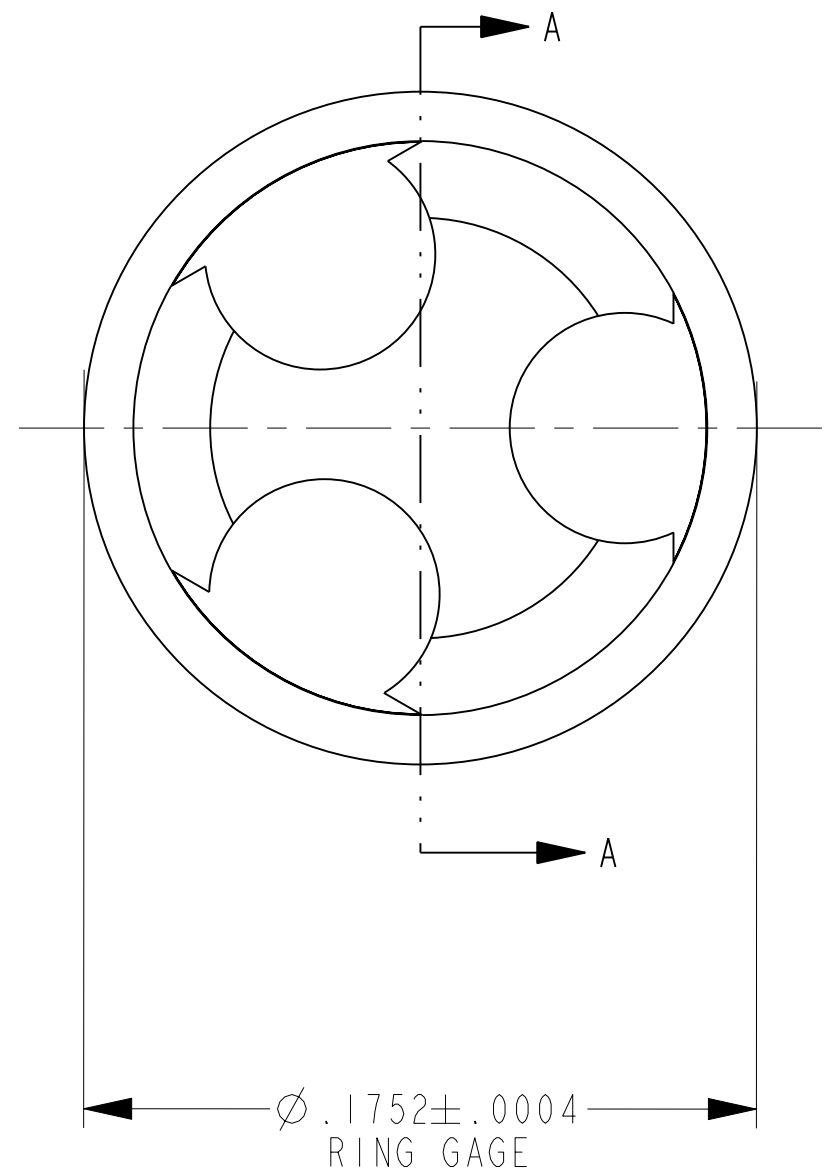
2. ONLY THE ITEM DESCRIBED ON THIS DRAWING WHEN PROCURED FROM VENDOR LISTED HEREON IS APPROVED BY ARDEC FOR USE IN THE APPLICATION SPECIFIED HEREON. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY ARDEC.

3. IDENTIFICATION OF THE APPROVED SOURCE HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM DESCRIBED ON THIS DRAWING.

4. APPROVED SOURCE OF SUPPLY:
OLIN CORP.
WINCHESTER-WESTERN DIV.
427 NORTH SHAMROCK
EAST ALTON, IL 62024.
VENDOR PART NO. M42CI (979)
CAGE CODE: 66118



SECTION A-A




SOURCE CONTROL DRAWING
(COMPONENTS SHOWN ARE FOR
VISUAL REPRESENTATION ONLY)

THIS DRAWING WAS GENERATED FROM A SOLID MODEL
AND IS CAD MAINTAINED. CHANGES SHALL BE
INCORPORATED BY THE DESIGN ACTIVITY.

PART NO. 9345327

REVISIONS						
MODEL	REV	DRAWING	REV	DESCRIPTION	DATE(YEAR-MO-DA)	APPROVED
N/A	-			PRODUCTION RELEASE ERR AIS3007	1981-08-30	
N/A	A			NOR W553004 1985-10-25	1986-06-05	
N/A	B			NOR M052009 1990-03-16	1990-04-23	
N/A	C			NOR M453021 1994-06-15	1994-07-26	
-	D			NOR R253004 2002-02-11	2002-05-29	RJC
A	E			NOR R212004 2003-05-27	2003-07-14	RJC

DISTRIBUTION STATEMENT A.
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

PMIC				DO NOT SCALE DRAWING		CONTRACT NUMBER		DESIGN ACTIVITY					
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTRACTOR		US ARMY ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER PICATINNY ARSENAL, NEW JERSEY 07806-5000					
MECHANICAL PROPERTIES				TOLERANCES ON ANGLES ± ° 2 PLACE DECIMALS ± 3 PLACE DECIMALS ±		DRAWN BY J. WINDHAM		DATE(YEAR-MO-DA) 1981-07-29		PRIMER, ALTERNATE			
YP				<div>THIRD ANGLE PROJECTION</div> 		CHECKER J KREIDER		ENGINEER M. RESEITCH					
TS		FLARE, SURF.				ENGINEER N PATEL		QUALITY ENGINEER R LOCASCIO					
EL2	8836964	TRIP, M49A1				DRAWING APPROVAL W SONGALIA 2002-02-11		SIZE D		CAGE CODE 19200		DWG NO. 9345327	
RA	9322238	40MM CART. PRAC.				DESIGN APPROVAL R ELBE 2002-02-11		SCALE 20/1		UNIT WT.		SHEET 1 OF 1	
BH		NEXT ASSY	USED ON	MATL ENGR		MODELED BY J. WINDHAM							
RH		APPLICATION											